

WHAT IS CLAIMED IS:

1. A communication system comprising:

mobile terminals;

connection servers, each including acquiring means for acquiring location information concerning the location of the connection server and having a cell; and

control servers, each including updating means for updating network information based on the location information,

wherein each of the connection servers connects to some of the mobile terminals within the cell to transfer data between the mobile terminals via the connection servers or the control servers.

2. The communication system according to claim 1, wherein the updating means updates connections among a connection server and neighboring connection servers based on the cell states of the neighboring connection servers.

3. The communication system according to claim 2, wherein the connection server is a newly installed server; and

wherein the updating means selects a connection server neighboring to the new server, identifies at least one cell

affected by the new server, and changes connections among the connection server and neighboring connection servers depending on the distances among the connection server and the neighboring connection servers.

4. The communication system according to claim 1, each connection server further comprising content-transmission managing means for switching a connection server being communicating with a mobile terminal to another connection server with which the mobile terminal will communicate, as the mobile terminal moves from one cell to another.

5. The communication system according to claim 1, wherein each control server further comprising load-sharing means for monitoring the processing capability of each connection server and for controlling load sharing depending on the geographic location of each connection server.

6. The communication system according to claim 5, wherein the load-sharing means controls load sharing based on estimated movements of the mobile terminals.